

Radio frequency radiation exposure evaluation: portable devices

1.1 Radio Frequency Exposure Compliance

1.1.1 Electromagnetic Fields

RESULT:

Pass

Test Specification

Test item	: Dongguan Faraoou Electric Appliance Co., Ltd
Identification / Type No.	: FS-L299
FCC ID	: 2BF3S-FS-L299
Test standard	: CFR47 FCC Part 2: Section 2.1093 FCC KDB Publication 447498 v06

Measurement Record:

$EIRP[dBm] = \text{maximum peak output} + \text{antenna Gain} = 0.35dBm - 0.58dBi = -0.23dBm$
Since maximum peak output power of the transmitter is $-0.23 dBm \approx 0.95mW < 10mW$.

Hence the EUT is excluded from SAR evaluation according to FCC KDB Publication 447498 D01 General RF Exposure Guidance v06.